

YELAHANKA ZONE

Name of Work: Detailed Estimate for Improvements of Parking & Construction of Public Toilet at Sahakaranagara Park in Ward No.7

SI No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount																																																																																																																																																																																					
1	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m. In depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. after breaking of clods complete as per specifications. Specification. No. KBS 2.1(b) / 2.3.5 (P.5/2.3 PWD SR - 2010-11). For Ladies & Gents Toilet: <table><tr><td>For Long walls</td><td>2</td><td>7.84</td><td>0.90</td><td>1.20</td><td>16.93</td><td></td><td></td><td></td><td></td></tr><tr><td>For Short walls</td><td>3</td><td>1.87</td><td>0.90</td><td>1.20</td><td>6.06</td><td></td><td></td><td></td><td></td></tr></table> For Partition wall: <table><tr><td>At Ladies W.C. & Wash Long wall</td><td>1</td><td>2.65</td><td>0.60</td><td>0.60</td><td>0.95</td><td></td><td></td><td></td><td></td></tr><tr><td>W.C. Short wall</td><td>1</td><td>0.72</td><td>0.60</td><td>0.60</td><td>0.26</td><td></td><td></td><td></td><td></td></tr></table> At Toilet W.C.: <table><tr><td>Long Wall</td><td>1</td><td>2.53</td><td>0.60</td><td>0.60</td><td>0.91</td><td></td><td></td><td></td><td></td></tr><tr><td>Short Wall</td><td>2</td><td>0.72</td><td>0.60</td><td>0.60</td><td>0.52</td><td></td><td></td><td></td><td></td></tr><tr><td>For Steps</td><td>1</td><td>6.00</td><td>1.50</td><td>0.20</td><td>1.80</td><td></td><td></td><td></td><td></td></tr></table> Cum 27.44 ✓ 222.60 ✓ Basic Rate 210.00 ✓ Area Weightage @ 6% 12.60 Total 222.60 ✓									For Long walls	2	7.84	0.90	1.20	16.93					For Short walls	3	1.87	0.90	1.20	6.06					At Ladies W.C. & Wash Long wall	1	2.65	0.60	0.60	0.95					W.C. Short wall	1	0.72	0.60	0.60	0.26					Long Wall	1	2.53	0.60	0.60	0.91					Short Wall	2	0.72	0.60	0.60	0.52					For Steps	1	6.00	1.50	0.20	1.80					6108 6107.00																																																																																																														
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2	KSRB 4-1.3: Providing and laying in position plain cement concrete of mix M 7.5 with OPC Cement @ 180 kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not exceeding 15cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No.KBS 4.1/4.2 (P.12 I.No.4.3) For Ladies & Gents Toilet: <table><tr><td>For Long walls</td><td>2</td><td>7.84</td><td>0.90</td><td>0.15</td><td>2.12</td><td></td><td></td><td></td><td></td></tr><tr><td>For Short walls</td><td>3</td><td>1.87</td><td>0.90</td><td>0.15</td><td>0.76</td><td></td><td></td><td></td><td></td></tr></table> For Partition wall: <table><tr><td>At Ladies W.C. & Wash Long wall</td><td>1</td><td>2.65</td><td>0.60</td><td>0.15</td><td>0.24</td><td></td><td></td><td></td><td></td></tr><tr><td>W.C. Short wall</td><td>1</td><td>0.72</td><td>0.60</td><td>0.15</td><td>0.06</td><td></td><td></td><td></td><td></td></tr></table> At Toilet W.C.: <table><tr><td>Long Wall</td><td>1</td><td>2.53</td><td>0.60</td><td>0.15</td><td>0.23</td><td></td><td></td><td></td><td></td></tr><tr><td>Short Wall</td><td>2</td><td>0.72</td><td>0.60</td><td>0.15</td><td>0.13</td><td></td><td></td><td></td><td></td></tr><tr><td>For Steps</td><td>1</td><td>6.00</td><td>1.50</td><td>0.15</td><td>1.35</td><td></td><td></td><td></td><td></td></tr></table> For Flooring: <table><tr><td>Ladies Toilet</td><td>1</td><td>1.05</td><td>1.20</td><td>0.15</td><td>0.19</td><td></td><td></td><td></td><td></td></tr><tr><td>At Wash</td><td>1</td><td>1.50</td><td>1.20</td><td>0.15</td><td>0.27</td><td></td><td></td><td></td><td></td></tr><tr><td>Entrance</td><td>1</td><td>1.48</td><td>1.30</td><td>0.15</td><td>0.29</td><td></td><td></td><td></td><td></td></tr><tr><td>Gents Toilet W.C.</td><td>2</td><td>1.20</td><td>1.20</td><td>0.15</td><td>0.43</td><td></td><td></td><td></td><td></td></tr><tr><td>Urinals</td><td>1</td><td>1.20</td><td>2.50</td><td>0.15</td><td>0.45</td><td></td><td></td><td></td><td></td></tr><tr><td>At Wash</td><td>1</td><td>2.63</td><td>1.30</td><td>0.15</td><td>0.51</td><td></td><td></td><td></td><td></td></tr><tr><td>RamP</td><td>1</td><td>1.20</td><td>4.90</td><td>0.15</td><td>0.88</td><td></td><td></td><td></td><td></td></tr><tr><td>Building Allround Flaging</td><td>2</td><td>8.34</td><td>1.00</td><td>0.15</td><td>2.50</td><td></td><td></td><td></td><td></td></tr><tr><td></td><td>2</td><td>5.40</td><td>1.00</td><td>0.15</td><td>1.62</td><td></td><td></td><td></td><td></td></tr><tr><td>Ramp</td><td>1</td><td>4.90</td><td>1.10</td><td>0.15</td><td>0.81</td><td></td><td></td><td></td><td></td></tr><tr><td>Storage Tank</td><td>1</td><td>3.00</td><td>2.50</td><td>0.20</td><td>1.50</td><td></td><td></td><td></td><td></td></tr></table> Cum 14.34 3866.46 Basic Rate 3647.60 ✓ Area Weightage @ 6% 218.86 Total 3866.46 ✓									For Long walls	2	7.84	0.90	0.15	2.12					For Short walls	3	1.87	0.90	0.15	0.76					At Ladies W.C. & Wash Long wall	1	2.65	0.60	0.15	0.24					W.C. Short wall	1	0.72	0.60	0.15	0.06					Long Wall	1	2.53	0.60	0.15	0.23					Short Wall	2	0.72	0.60	0.15	0.13					For Steps	1	6.00	1.50	0.15	1.35					Ladies Toilet	1	1.05	1.20	0.15	0.19					At Wash	1	1.50	1.20	0.15	0.27					Entrance	1	1.48	1.30	0.15	0.29					Gents Toilet W.C.	2	1.20	1.20	0.15	0.43					Urinals	1	1.20	2.50	0.15	0.45					At Wash	1	2.63	1.30	0.15	0.51					RamP	1	1.20	4.90	0.15	0.88					Building Allround Flaging	2	8.34	1.00	0.15	2.50						2	5.40	1.00	0.15	1.62					Ramp	1	4.90	1.10	0.15	0.81					Storage Tank	1	3.00	2.50	0.20	1.50					55445 55444.00
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3	KSRB 4.2.2: Providing and laying in position reinforced cement concrete of design mix M20 with OPC Cement @ 320 kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplastisiser @ 3lts confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintles, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No.KBS 4.1, 4.6 (P.13 I.No.4.11) For Plinth Beam: For Long walls 2 7.84 0.45 0.15 1.06 For Short walls 3 2.10 0.45 0.15 0.43 For Partition wall: At Ladies W.C. & Wash Long wall 1 2.65 0.30 0.15 0.12 W.C. Short wall 1 1.00 0.30 0.15 0.05 At Gents Toilet W.C: Long Wall 2 1.28 0.30 0.15 0.12 Short Wall 2 1.00 0.30 0.15 0.09 For Lintle: For Long walls 2 5.80 0.23 0.20 0.53 For Short walls 2 2.54 0.23 0.20 0.23 For Partition wall: For Long walls 1 2.65 0.115 0.20 0.06 For Short walls 2 1.20 0.115 0.20 0.06 For Gents Toilet: For Long walls 1 2.63 0.115 0.20 0.06 For Short walls 2 1.20 0.115 0.20 0.06 For Roof Slab 1 8.34 4.80 0.15 6.00 Water Tank Roof 1 3.30 2.70 0.15 1.34 Cum 10.19 5198.66 Basic Rate 4904.40 ✓ Area Weightage @ 6% 294.26 Total 5198.66 ✓	52974.3 52993.00
4	KSRB 4-1.5: Providing and laying in position plain cement concrete of mix M 20 with OPC Cement @ 300 kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.64 cum and fine aggregates @ 0.43 cum with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No.KBS 4.1, 4.2 (P.No.12 I.No.4.5) For Steps 1 5.80 0.40 0.45 1.04 1 5.80 0.40 0.30 0.70 1 5.80 0.40 0.15 0.35 For Ramp 1 4.90 1.20 0.30 1.76 For Flagging Concret 2 8.34 1.00 0.15 2.50 2 5.40 1.00 0.15 1.62 Ramp 1 4.90 1.20 0.15 0.88 Urinals Platform 1 1.20 1.00 0.15 0.18 1 2.45 1.00 0.15 0.37 1 6.50 1.00 0.15 0.98 Cum 10.38 4897.20 Basic Rate 4620.00 ✓ Area Weightage @ 6% 277.20 Total 4897.20 ✓	50833 50826.00
5	KSRB 5.2-3:Providing and constructing granite/trap/basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications KBS 5.1.13 (P 25 I.NO 5.6) At Ladies & Gents Toilet: For Long walls 2 8.34 0.75 0.60 7.51 2 7.89 0.60 0.45 4.26 For Short walls 3 2.02 0.75 0.60 2.73 3 2.17 0.60 0.45 1.76 Partition Wall:	

	Long Wall	1	2.65	0.60	0.45	0.72			
	Short Wall	1	0.78	0.60	0.45	0.21			
	At Gents Toilet W.C:								
	Long Wall	1	2.66	0.60	0.45	0.72			
	Short Wall	2	0.77	0.60	0.45	0.42			
			Cum			18.31	2775.50		50819.4
			Basic Rate	2618.40					50823.00
			Area Weightage @ 6%	157.10					
			Total	2775.50					
6	KSRB 5.3-3: Providing and constructing granite/trap/basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15cms high, bond stones at two m, apart in each course including cost of materials, labour, curing complete as per specifications KBS 5.1.13 (P 26 I.NO 5.9)								
	At Ladies & Gents Toilet:								
	For Long walls	2	8.34	0.45	0.60	4.50			
	For Short walls	3	2.32	0.45	0.60	1.88			
	Partition Wall:								
	Long Wall	1	2.65	0.30	0.60	0.48			
	Short Wall	1	0.99	0.30	0.60	0.18			
	At Gents Toilet W.C:								
	Long Wall	1	2.31	0.30	0.60	0.42			
	Short Wall	2	1.00	0.30	0.60	0.36			
			Cum			7.81	3239.78		25303.00
			Basic Rate	3056.40					25315.00
			Area Weightage @ 6%	183.38					
			Total	3239.78					
7	KSRB 15.1.3 Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. (P 119 I.NO 15.3)								
	For Long walls	2	8.30	0.60		9.96			
	For Short walls	2	2.32	0.60		2.78			
			Sqm.			12.74	78.25		997.00
			Basic Rate	73.82					
			Area Weightage @ 6%	4.43					
			Total	78.25					
8	KSRB 2-3: Filling available excavated earth (excluding rock) insides of foundations upto plinth in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m, and lift upto 1.5m including cost of all labour complete as per specification. Specification No.KBS 2.9 (P 6 I.NO 2.10)								
	Qty. Vide Item No. \								
			Cum			27.44			
			Basic Rate	90.00		27.44	95.40		2618.00
			Area Weightage @ 6%	5.40					
			Total	95.40					
9	KSRB 6-2.3: Providing and constructing burnt brick masonry with approved quality of non-modular bricks of standard size of class designation 50 (table moulded) with cement mortar 1:6 for basement and superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications Specification NO KBS 6.2 (P 30 I.NO 6.6)								
	At Ladies & Gents Toilet:								
	For Long walls	2	7.14	0.23	3.00	9.85			
	For Short walls	3	2.54	0.23	3.00	5.26			
	Parapet:								
	Long Wall	2	7.14	0.23	0.60	1.97			
	Short Wall	2	2.54	0.23	0.60	0.70			
	For Tank	2	3.00	0.23	3.00	4.14			
		2	2.30	0.23	3.00	3.17			
						25.10			
	Deductions:								
	ED	2	1.20	0.23	2.10	1.16			
	V	10	0.90	0.23	0.60	1.24			
	Lintle	2	7.14	0.23	0.20	0.66			
		3	2.54	0.23	0.20	0.35			
						3.41			
			Cum			21.69	4840.17		104983.28
			Basic Rate	4566.20					104974.00
			Area Weightage @ 6%	273.97					
			Total	4840.17					

10	KSRB6-7.1 Construction of partition wall 11.2cms thick with non-modular ground moulded burnt bricks of class designation 35 with cement mortar 1:4 including providing and fixing plaster mesh manufactured out of hot dipped galvanised iron of nominal thickness 0.35mm, 100mm. wide as per S.2212/1991 at 7.5m. C to C including cost of materials, labour charges, scaffolding, curing complete as per specifications. Specifications NO KBS 6.2 (P 32 I.NO 6.23) Ladies Toilet For Long walls 1 2.78 3.00 8.34 For Short walls 2 1.20 3.00 7.20 Gents Toilet For Long walls 1 2.53 3.00 7.59 For Short walls 2 1.20 3.00 7.20 30.33 Deductions: D1 3 0.75 2.10 4.73 Open 1 0.90 2.10 1.89 6.62 23.72 567.70 13466.0 13463.00 Sqm. Basic Rate 535.57 ✓ Area Weightage @ 6% 32.13 Total 567.70 ✓	
11	KSRB 7.7 : providing and fixing in position in cement concrete 1:3:6 steel glazed windows and ventilators side hung/top hung fully openable as per approved drawings using Z angles of 25x33x3mm, weighing 1.419 Kg/m both for outer and inner frames and central mullion section of size 25x46x3mm, weighing 2.28 Kg/m duly providing T section 19x19x3mm weighing 0.839 Kg/m for glazing of windows not more than 34 cms. c to c including providing and fixing 4mm. thick reed glass with teakwood beading of required size, all steel sections should confirm to I.S.7452:1990 4Nos. of holdfasts of approved size, section should be cut to length welded and electrically grinded subdividing frames of unit shall be tenoned and revetted into the frames electrically. All the steel surface shall be thoroughly cleaned free of rust and painted with one coat of anti-corrosived paint and finishing with two coats of ready mix paint of approved colour and make including cost of materials, fixtures, labour and HOM of machinery complete as per specifications. Specification No.KBS 7.12.1/7.12.2/7.12.3/7.12 (P.No. 37 I.No.7:7) Ventilator 10 0.90 0.60 5.40 ✓ 5.40 ✓ 3189.54 17224.00 ✓ Sqm. Basic Rate 3009.00 ✓ Area Weightage @ 6% 180.54 Total 3189.54 ✓	
12	KSRB 7.1:Providing and fixing in position collapsible steel shutters with single or double leaf with vertical channel 20mmX10mmX2mm braced with flat iron diagonals 20mmX5mm size, with top and bottom rails of T iron sections of 40X40X6mm with 38mm dia steel pulleys complete with bolt and nuts, locking arrangements, stoppers, handles on both and nuts, locking arrangements, stoppers, handles on both sides with 7.5cms opening at 10cms c to c applying a priming coat of red lead paint cost of materials, labour, HOM of machinery complete as per specification size of gate 2.4mX1.4m Specification NO KBS 7.7/7.12 (P.No.36 Item No.7.1) Sliding Door 2 1.30 2.10 5.46 ✓ 5.46 ✓ 3724.84 20338.00 ✓ Sqm. Basic Rate 3514.00 Area Weightage @ 6% 210.84 Total 3724.84	
13	KSRB 9.4-3:Providing <u>Mathi/ Nandi wood frames</u>, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster grooves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications Specification NO KBS 9.33 (P 55 I NO 9.12) ED 2 7.20 0.126 0.101 0.18 0.18 63793.98 11483 11691.00 Cum Basic Rate 60183.00 Area Weightage @ 6% 3610.98 Total 63793.98	

14	KSRB 9.5-2: Providing and fixing in position fully panelled <u>Honne wood shutters</u> for doors. styles and rails of 40mm thick with bottom and lock rails 180mm wide top rail and styles 100mm as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) Specification.No.KBS 9.34 (P.56 I.No.9.15) Sliding Door 2 1.20 2.10 5.04 Sqm. 5.04 3526.62 17774.00 Basic Rate 3327.00 Area Weightage @ 6% 199.62 Total 3526.62	
15	Providing and fixing PVC Hollow Door Frame of the Size 50x47mm with a wall thickness of 5mm. made out of extruded 5mm rigid PVC foam sheet, mitre cut at two corners and joined with 2 Nos. of 150mm long brackets of 15x15mm M.S. Square tube. The two vertical door profiles are to be reinforced with 19x19mm M.S. Square tube of 19 gauge. EPDM rubber gasket weather seal to be provided through out the frame. The door screws through the frame by using PVC fasteners. A minimum of 4 Nos of screws to be provided for each vertical member & minimum 2 Nos. for orizontal member. (P.53 I.No.9.92) At Ladies & Gents WC D-1: 3 6.25 18.75 Mtr. 18.75 356.16 6678.00 Basic Rate 336.00 Area Weightage @ 6% 20.16 Total 356.16	
16	Providing and fixing of factory made 300mm PVC ridge Frame panel door s Rajashree made from MS tube of 19 guage. Size of 19 gauge. size of 19mm x 19mm and covered wit heat moulded PVC Cannel of 5mm tick and widt of 50mm to form styles and rails. The inner panel could be inserted in between the frame with 5mm thick PVC rigid foam sheet, welded/sealed to the styles and rails along with 5mm PVC, bedding on all and eiter sides. Te vertical tubes may be filled with suitable wood material to further enance te screw holding capacity. (P.53 I.No.9.91) At Ladies & Gents WC D-1: 3 0.75 2.10 4.73 Sqm. 4.73 2416.80 Basic Rate 2280.00 Area Weightage @ 6% 136.80 Total 2416.80	11431.46 11419.00
17	KSRB 15-3.9: Providing 18mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering.:Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P 120 I.NO 15.17) Ladies WC 1 3.20 0.90 2.88 Wash Allround 1 7.14 0.90 6.43 Varanda Allround 1 5.60 0.90 5.04 Gents WC 2 4.80 0.90 8.64 Wash Allround 1 6.60 0.90 5.94 Urinals Allround 1 7.14 0.90 6.43 Water Tank 4 3.00 3.00 36.00 Sqm. 71.35 150.05 Basic Rate 141.56 Area Weightage @ 6% 8.49 Total 150.05	10707.00 10706.00
18	KSRB 15-3.6: Providing 15mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering.:Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P 119 I.NO 15.14) Out Side: LW 2 7.14 4.20 59.98 SW 2 3.00 4.20 25.20 Roof Projection 1 20.28 0.15 3.04 88.22 Deduction: ED 2 1.20 2.10 5.04 V 5 0.90 0.60 2.70 7.74 Sqm. 80.48 126.01 Basic Rate 118.88 Area Weightage @ 6% 7.13 Total 126.01	10141.00

19	KSRB 15-51: Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering. :Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P 119 LNO 15.30)					
	At ladies W.C. allround below intel level:	2	3.20	2.40	15.36	
	At Wash	1	7.14	2.40	17.14	
	Varanda Allround	1	5.60	2.40	13.44	
	Gents WC Allround	2	4.80	2.40	23.04	
	Wash Allround	1	6.60	2.40	15.84	
	Urinals Allround	1	7.14	2.40	17.14	
	Ladies Urinal Plat Form	1	1.20	1.00	1.20	
	Gents Urinal Plat Form	1	2.45	1.00	2.45	
		1	1.65	1.00	1.65	
					107.25	
	Deduction:					
	D1	8	0.75	2.10	12.60	
	ED	2	1.20	2.10	5.04	
	O	2	0.90	2.10	3.78	
	V	5	0.90	0.60	2.70	
	O	1	1.30	2.10	2.73	
					26.85	
					80.40	137.27
						11037.00
			Sqm.			
	Basic Rate	129.50				
	Area Weightage @ 6%	7.77				
	Total	137.27				
20	KSRB 15-3-13: Providing 12mm thick cement plaster in single coat with cement mortar 1:3 to ceiling including rounding off corners wherever required smooth rendering. :Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P 120 LNO 15.21)					
	Ceiling or Top:					
	At Ladies WC	1	1.05	1.20	1.26	
	At Wash	1	2.90	1.20	3.48	
	At Veranda	1	1.50	1.30	1.95	
	At Gents WC	2	1.20	1.20	2.88	
	At Wash	1	2.60	1.30	3.38	
	At Urinals	1	1.20	2.50	3.00	
					15.95	150.86
			Sqm.			
	Basic Rate	142.32				
	Area Weightage @ 6%	8.54				
	Total	150.86				2406.00
21	KSRB 15.7: Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing, complete as per specifications. (P.121 L.No.15.33)					
	Qty. Vide Item No.17 inside plastering				71.35	
	Qty. Vide Item No.20 Ceiling plastering				15.95	
					87.30	17.49
			Sqm.			
	Basic Rate	16.50				
	Area Weightage @ 6%	0.99				
	Total	17.49				1527.00
22	Providing and laying flooring for corridors/ lobbies using combination of pre polished 19mm thick water cut/gang saw Grey Granite, Black Granite, and strips of 50m wide pre flamed grey granite using pre polished grey granite 19mm thick 76% pre polished black granite 19mm thick @ 2% and preflamed 19mm tick grey granite @22% over existing cement concrete bed in CM 1:4 average 20mm thick pointed wit wite cement/colour pigment etc., complete (P 95 LNO 14. 48)					
	At Ladies Wash	1	1.50	1.20	1.80	
	At Veranda	1	1.50	1.30	1.95	
	At Gents urinals	1	1.20	2.50	3.00	
	At Wash Area	1	2.60	1.30	3.38	
	Urinals partition	4	0.60	1.50	3.60	
	counter top was basin	1	1.50	0.60	0.90	
		1	1.00	0.60	0.60	
	At entrance steps	1	5.80	1.80	10.44	

	Step sides triangle portion	2	1.20	0.15	0.36			
		2	0.80	0.15	0.24			
		2	0.40	0.15	0.12			
			Sqm.		26.39	2245.08	59248.00	
			Basic Rate	2118.00				
			Area Weightage @ 6%	127.08				
			Total	2245.08				
23	KSRB 14.14-5:Providing Ceramic tiles of size 30X30cms of approved make shade and size for flooring, treads of steps and landings laid on a bed of12mm thick, cement mortar 1:3 mix flush pointing with shite cement using colour pigment, including cost of materials, labour, curing complete as per specifications Specification NO KBS (P 113 I.No 14.36-2)							
	At Ladies WC	1	1.05	1.20	1.26			
	At Gents WC	2	1.20	1.20	2.88			
	At urinals platform	1	2.45	1.00	2.45			
		1	1.65	1.00	1.65			
		1	1.20	1.00	1.20	9.44	869.09	8204.00
			Sqm.					
			Basic Rate	819.90				
			Area Weightage @ 6%	49.19				
			Total	869.09				
24	KSRB 14-17.2:Providing skirting, dado, rises of steps with Colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface which should be measured and paid separately)using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications Specification NO KBS 14.16, 14.17 (P 114 I.NO 14. 41.1) Colour Glazed tiles 15x15 cms 6mm thick.							
	Qty. Vide Item No.19				80.40			
			Sqm.		80.40	900.45	72396.00	
			Basic Rate	849.48				
			Area Weightage @ 6%	50.97				
			Total	900.45				
25	KSRB 15-14.1: Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after thoroughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and Sand paper smooth, cost of materials, labour, complete as per specifications. (P 123 I.NO 15.49.1)							
	Qty. Vide Item No.21				87.30			
			Sqm.		87.30	55.65	4858.00	
			Basic Rate	52.50				
			Area Weightage @ 6%	3.15				
			Total	55.65				
26	KSRB 15-16.1: Providing and finishing external walls in two coats with Primer cement paint of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. (P 124 I.NO 15.53.2)							
	Qty. outside plastering vide Item No.18				80.48			
	Roof Projection at bottom	1	8.34	0.60	5.00			
		2	4.80	0.60	5.76			
		1	8.34	1.20	10.01			
			Sqm.		101.25	63.60	6440.00	
			Basic Rate	60.00				
			Area Weightage @ 6%	3.60				
			Total	63.60				
27	KSRB 15-17.6: Providing and applying Painting two coats (Excluding priming coat)on new wood surface and/or wood based surface with enamel paint to give an even shade cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications. (P 125 I.NO 15.60.1)							
	Door ED	2x240	1.20	2.10	12.09			
	D1	4x2.40	0.75	2.10	15.12			
	V	10	0.60	0.90	5.40			
			Sqm.		32.61	77.38	2523.00	
			Basic Rate	73.00				
			Area Weightage @ 6%	4.38				
			Total	77.38				

28	KSRRB 4.9.2: Providing TMT Steel reinforcement for RCC work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No.KBS 4.6.3 (P.19 I.No.4.46)						
	Qty. vide Item No.3				10.19		
	Qty. of steel @ 130Kg/Cum.	10.19x130/100			13.25		
		~~Qty.~~			13.25	7211.75	95556.00
		Basic Rate	6803.54				
		Area Weightage @ 6%	408.21				
		Total	7211.75				
29	KSRRB 4-6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness including attached pilaster, buttresses, plinth and string courses cost of all materials, labour complete as per specifications Specification NO KBS 4.6.2 (P 17 I. NO 4.31)						
	For Plint slab: Sides LW	4	7.14	0.15	4.28		
	Sides sort wall	3	2.10	0.15	0.95		
	At partition wall above: at Ladies Toilet WC & Wash						
	Long Wall	1	3.845	0.15	0.58		
	Short Wall	2	1.00	0.15	0.30		
	At Gents toilet WC Long Wall	4	2.46	0.15	1.48		
	Short Wall	4	1.00	0.15	0.60		
	At Pail: Long WALL	2	6.02	0.15	1.81		
	Short Wall	4	0.75	0.15	0.45		
	For entrance step	1	5.80	0.45	2.61		
		1	5.80	0.30	1.74		
		1	5.80	0.15	0.87		
	Flagging Concrete Bldg. allround	2	8.34	0.15	2.50		
		2	5.40	0.15	1.62		
		1	4.90	0.15	0.74		
	At Pail Portion	1	5.35	0.15	0.80		
		Sqm.			21.32	217.30	4632.00
		Basic Rate	205.00				
		Area Weightage @ 6%	12.30				
		Total	217.30				4633.0
30	KSRRB 4-6.7: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications Specification NO KBS 4.6.2 (P 17 I. NO 4.34)						
	Gents Ladies Toilet:						
	Long Wall	4	7.14	0.20	5.71		
	Short Wall	3	2.540	0.20	1.52		
	At Partition wall above: at Ladies WC Wash						
	Long Wall	2	4.065	0.20	1.63		
	Short Wall	4	1.20	0.20	0.96		
	At Gents toilet WC Long Wall	2	2.63	0.20	1.05		
	Short Wall	2	1.20	0.20	0.48		
		Sqm.			11.35	188.68	2142.00
		Basic Rate	178.00				
		Area Weightage @ 6%	10.68				
		Total	188.68				
31	KSRRB 4-6.2: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200mm including cost of all materials, labour complete as per specifications Specification NO KBS 4.6.2 (P 16 I. NO 4.29)						

	Roof Slab Sides:	2	8.34	0.15	2.50			
		2	4.80	0.15	1.44			
	Imp portion sides	1	4.90	0.30	1.47			
		1	1.20	0.30	0.36			
		1	1.20	0.10	0.12			
	Roof Slab area	1	8.34	4.80	40.03			
						Sqm.	45.92	258.64
						Basic Rate	244.00	
						Area Weightage @ 6%	14.64	
						Total	258.64	11878.00
32	KSRB 4-6.7: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications Specification NO KBS 4.6.2 (P 17 I. NO 4.34)							
	RCC Roof above	1	8.34	4.34	36.20			
						Sqm.	36.20	188.68
						Basic Rate	178.00	
						Area Weightage @ 6%	10.68	
						Total	188.68	6829.00
33	KSRB 10.2: Providing and laying in position yelahanka tiles of size 125x250mm of approved quality and make, over a bed of cement mortar 1:3 an average thickness 25mm over weather proof course and pointed with cement mortar 1:3 mix with red oxide including cost of materials, labour, complete as per specifications. Specification No.KBS (P.68 I.No.10.2)							
	RCC Roof above	1	8.34	4.34	36.20			
						Sqm.	36.20	624.34
						Basic Rate	589.00	
						Area Weightage @ 6%	35.34	
						Total	624.34	22598.00
34	Providing flooring with 300x300mm size alura tiles of approved make. (As per Quotation approved rates)							
	For Ramp	1	4.90	1.20	5.88			
		1	4.90	$\frac{0.60+0.0}{2}$	1.47			
						Sqm.	7.35	1007.00
						Basic Rate	950.00	
						Area Weightage @ 6%	57.00	
						Total	1007.00	7401.00
RECONSTRUCTION OF VENT R.C.C. DECK SLAB CULVERT OF SPAN .00MX.20M:								
35	KSRRB M2100-12-1: Stone Masonry Work in Cement Mortar :3 in Foundation complete as per Drawing and Tecnical Specifications. A Square Rubble Coursed Rubble Masonry (first sort) MORTH Specification No.1405.4 (P.No.222 I.No.27.22)							
		4	7.50	0.60	0.30	5.40		
						Cum	5.40	2815.36
						Basic Rate	2656.00	
						Area Weightage @ 6%	159.36	
						Total	2815.36	15203.00
36	KSRRB M2200-5.9: Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregates @ 0.46 cum, with superplastisier @ 3lts conforming to IS9103-1999 Reaffirmed-2008 i) Upto 5m height. (P.No.227 I.No.28.7.9)							
	For Deck Slab	2	7.50	1.80	0.30	8.10		
	For Abutment cap	4	7.50	0.60	0.20	3.60		
	For Dirt wall	4	7.50	0.20	0.30	1.80		
						Cum	13.50	5084.18
						Basic Rate	4796.40	
						Area Weightage @ 6%	287.78	
						Total	5084.18	68636.00

36	KSRRB M2200-5.15: Design mix M30 with OPC cement @ 360kgs. with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregates @ 0.46 cum, with superplasticiser @ 3lts conforming to IS9103-1999 Reaffirmed-2008 i) Upto 5m height. (P.No.228 No.28.7.15)								
	For Deck Slab above	2	7.50	2.20	0.23	7.59			
						Cum	7.59	5441.19	41299.00
						Basic Rate	5133.20		
						Area Weightage @ 6%	307.99		
						Total	5441.19		
37	KSRRB M2200-6: Supplying, fitting and placing TMT bar reinforcement in sub-structure complete as per drawing and Technical Specifications complete as per specifications MORTH Specification No.1600 & 2200 (P.No.229 I.No.28.8)								
	For Deck Slab		8.10cmtr x 120Kg/cum.			972.00			
						972.00			
						0.97	66914.62	64907.00	
						MT			
						Basic Rate	63127.00		
						Area Weightage @ 6%	3787.62		
						Total	66914.62		
38	KSRRB 300-53: Construction of embankment with with approved material Gravel/Murum with all lifts & leads, transporting to site, spreading, grading to required slope and compacted to meet requirement of Table No.300-2 complete as per specifications (including cost of gravel/murum, watering charges & compaction by vibratory roller) MORTH Specification No.305 (PWD SR P.133 I.No.19.60)								
	At entrance gate for approach road	1	5.00	7.50	0.30	11.25			
						Cum	11.25	144.16	1622.00
						Basic Rate	136.00		
						Area Weightage @ 6%	8.16		
						Total	144.16		
WATER SUPPLY WORKS-PART-1									
39	KSRRB 2-2.2:Earthwork excavation for foundation of buildings water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m. in depth, including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. after breaking of clods complete as per specifications Specification NO KBS 2.1(b)/2.3.5 (P 5 I.NO 2.4)								
	At Raising Main (loading line)	1	65.00	0.45	0.60	17.55			
	Water storage Tank	1	3.00	2.50	3.00	22.50			
						Cum	40.05	213.06	8533.00
						Basic Rate	201.00		
						Area Weightage @ 6%	12.06		
						Total	213.06		
40	KSRRB 13-1.3: Providing and fixing to wall, ceiling and floor galvanised/mild steel tube 25mm dia nominal bore with fittings. (medium grade weight 2.51 kg/mtr) B class including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. Specification No.KBS 13.2.14/13.8 (P.No.93 Item No.13.3)								
	At Raising Main (loading line)								
	25mm dia(1")	1	3.90			3.90			
						Rmtr.	3.90	230.02	897.00
						Basic Rate	217.00		
						Area Weightage @ 6%	13.02		
						Total	230.02		
41	KSRRB 13-8.2: Providing and fixing to wall, ceiling and floor, low density polyethylene pipes 6.00 kgf/sq.cm working pressure 25mm outsidiameter, compression type fittings, wall clips, making good the wall, ceiling and floor including cost of all materials, labour charges, HOM of equipments testing excluding cost of fittings, complete as per specifications. Specification No.KBS 13.2 15.1/13.9 (P.No.100 I.No.13.67)								

At Raising Main (loading line)						
25mm dia(1")	1	75.00		75.00		
every line 25mm dia(1")	1	35.00		35.00		
		Rmtr.		110.00	86.92	9561.00
		Basic Rate	82.00			
		Area Weightage @ 6%	4.92			
		Total	86.92			
43 KSRB 13-6.3.3: Providing and fixing in position brass gate valve with C.I. wheel of approved quality (Screwed end) 25 mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.6/13.3 (P.No.97 I.No.13.34)						
25mm Gate Valve	4			4		
		No.		4	578.76	2315.00
		Basic Rate	546.00			
		Area Weightage @ 6%	32.76			
		Total	578.76			
44 KSRB 13-6.2.2: Providing and fixing in position brass stop cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.2/13.3 (P.No.96 I.No.13.27)						
At Gents Urinal side	4			4		
		No.		4	135.68	543.00
		Basic Rate	128.00			
		Area Weightage @ 6%	7.68			
		Total	135.68			
45 KSRB 13-6.1.2: Providing and fixing in position brass bib cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.2/13.3 (P.No.95 I.No.13.24)						
At Gents Ladies Toilet.	4			4		
		No.		4	183.38	734.00
		Basic Rate	173.00			
		Area Weightage @ 6%	10.38			
		Total	183.38			
46 KSRB 13-7.1-1: Providing and fixing in position 25mm nominal bore non-return valve vertical type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.10/13.13 (P.No.99 I.No.13.52)						
At Gents & Ladies Room:						
Wash basin toop Ladies urinals & Disabled	7			7		
		No.		7	467.46	3272.00
		Basic Rate	441.00			
		Area Weightage @ 6%	26.46			
		Total	467.46			
47 KSRB 13-7.2-1: Providing and fixing in position 25mm nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.10/13.13 (P.No.99 I.No.13.59)						
At Gents & Ladies wash basin side	4			4		
At WC Disabled	3			3		
		No.		7	404.92	2834.00
		Basic Rate	382.00			
		Area Weightage @ 6%	22.92			
		Total	404.92			

47	KSRB 13-11.1: Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications.(For 1000 litre capacity) Specification No.KBS 13.22 (P.No.102 Item No.13.78)							
	At Gents & Ladies Toilet block above 1000 Ltrs.	1				1		
			No.			1	6838.06	6838.00
			Basic Rate	6451.00				
			Area Weightage @ 6%	387.06				
			Total	6838.06				
48	KSRB 13-6,4.3: Providing and fixing in position brass ball valve high or low pressure with plastic float of approved quality 25 mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS (P.No.97 I.No.13.42)							
	At polyethelene water storage Tank	1				1		
			No.			1	558.62	559.00
			Basic Rate	527.00				
			Area Weightage @ 6%	31.62				
			Total	558.62				
	SANITARY WORKS-PART-1							
49	KSRB 2-2.2:Earthwork excavation for foundation of buildings water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m. in depth, including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. after breaking of clods complete as per specifications Specification NO KBS 2.1(b)/2.3.5 (P 5 I.NO 2.4)							
	63MM OR (2 1/2") Pipe line	1	30.00	0.45	0.60	8.10		
	110mm or (4") Pipe line	1	30.00	0.45	0.60	8.10		
	JMFC main bldg. to upto drain 40mm or (4") Pipe line	1	30.00	0.45	0.60	8.10		
			Cum			24.30	213.06	5177.00
			Basic Rate	201.00				
			Area Weightage @ 6%	12.06				
			Total	213.06				
50	KSRB 13-9.4: Providing and fixing to Wall, ceiling and floor high density polyethylene pipes 6.00 kg/sq.cm working pressure 63mm outside diameter, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing excluding cost of fittings, complete as per specifications. Specification No.KBS 13.2.15.2/13.9 (P.No.101 Item No.13.73.1)							
	At Gents and Ladies Toilet:							
	63MM OR (2 1/2") Pipe line	1	30.00			30.00		
			Mtr.			30.00	285.14	8554.00
			Basic Rate	269.00				
			Area Weightage @ 6%	16.14				
			Total	285.14				
51	KSRB 13-9.7: Providing and fixing to Wall, ceiling and floor high density polyethylene pipes 6.00 kg/sq.cm working pressure 110mm outside diameter, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing excluding cost of fittings, complete as per specifications. Specification No.KBS 13.2.15.2/13.9 (P.No.101 Item No.13.73.4)							
	At Gents and Ladies Toilet:							
	110mm or (4") Pipe line	1	40.00			40.00		
			Mtr.			40.00	285.14	11406.00
			Basic Rate	269.00				
			Area Weightage @ 6%	16.14				
			Total	285.14				

53	KSRB 12-8.1: constructing brick masonry inspection chamber 455x610mm. and 450mm depth. (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5 C.I. cover with frame (light duty) 455x610mm internal dimensions. total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) RCC top slab with cement concrete 1:2:4 mix 20mm and downsize granite metal. foundation concrete 1:5:10 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. Specification No.KBS (P.74 Item No.11.50.2) - do - 450x450mm and 450mm dept (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5 C.I cover with frame (light duty) 450x450mm At Gents and Ladies Toilet: No. 3 Basic Rate 3730.00 Area Weightage @ 6% 223.80 Total 3953.80	3	3	3953.80	11861.00
54	KSRB 11.1: Providing and fixing white vitreous china clay, water closet Indian type (Squatting pan) of size 580mm with footrests. 100mm S or P trap, 10 litre low level, PVC flushing cistern (all are approved make) with fittings, C.I./M.S. brackets, 32mm diameter flush pipe fittings and clamps. overflow arrangements with specials and 25mm mosquito proof coupling of approved design. painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour, complete as per specifications. Specification No.KBS 11 (P.78 I.No.12.1) At Gents and Ladies WC No. 3 Basic Rate 2675.00 Area Weightage @ 6% 160.50 Total 2835.50	3	3	2835.50	8507.00
55	KSRB 11-11-1: Providing and fixing white vitreous china clay, flat back wash basin size 630x450mm with a pair of 15mm C.P.brass pillar taps with C.I / M.S. brackets, 32mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No.KBS 11 (P.No.81 Item No.12.23) At Gents and Ladies toilet & Disabled No. 3 Basic Rate 2723.00 Area Weightage @ 6% 163.38 Total 2886.38	3	3	2886.38	8659.00
56	Providing pedestal for wash basin of approved 1st quality and make conforming to ISI Specifications and fixing for low down cistern as directed. Rate includes cost of materials and conveyance to work spot. (P.No.90 Item No.12.108) At Gents and Ladies toilet & Disabled No. 3 Basic Rate 835.00 Area Weightage @ 6% 50.10 Total 885.10	3	3	885.10	2655.00
56	Providing white vitreous china clay Indian pattern squatting urinals with white glazed foot rests of approved quality and make conforming to ISI Specifications and fixing in position with CC 1:2:4 as directed of size 50.8 cms x 38 cms x 10.16 cms. A Grade (Rate includes cost of all materials and conveyance to work spot) (P.No.91 Item No.12.110)				

	At Ladies toilet	2	3		
	No.		3	975.20	2926.00
	Basic Rate	920.00			
	Area Weightage @ 6%	55.20			
	Total	975.20			
58	KSRB 11.7.1: Providing and fixing white vitreous china clay, flat back, lipped front urinal basin of 430 x 260x 350mm with 5 litres PVC automatic flushing cistern, C.I/MS brackets, standard flush pipe and C.P. brass spreaders with brass unions and G.I. Clamps complete painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour, complete as per specifications. Specification No.KBS 11 (P.79 I.No.12.7)				
	At Gents toilet	5	5		
	No.		5	2477.22	12386.00
	Basic Rate	2337.00			
	Area Weightage @ 6%	140.22			
	Total	2477.22			
59	KSRB 11-15-3: Providing and fixing 453 x 357mm dia rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specifications. (P.No.84 Item No.12.41)				
	At Gents & Ladies toilet & disabled	2	2		
	No.		2	930.68	1861.00
	Basic Rate	878.00			
	Area Weightage @ 6%	52.68			
	Total	930.68			
60	KSRB 11-17-2: Providing and fixing C.P. brass towel rail 600mm length, 20mm dia with C.P. brackets, fixed to wooden cleats with C.P. brass screws, including cost of materials, labour complete as per specifications. (P.No.84 Item No.12.46)				
	At Gents & Ladies toilet & disabled	1	1		
	No.		1	707.02	707.00
	Basic Rate	667.00			
	Area Weightage @ 6%	40.02			
	Total	707.02			
61	Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting etc., complete. -do- of size 450 x 200x 400mm (P.No.28 Item No.5.29.1)				
		300	300		
	No.		300	285.14	85542.00
	Basic Rate	269.00			
	Area Weightage @ 6%	16.14			
	Total	285.14			
62	Providing and laying heavy duty cobble stones 80mm thick interlock pavers, using cement and course sand for manufacture of block of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force the 4reby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specification. 65mm thick (P 117 I.NO 14. 61)				

		1	30.00	22.50	675.00		
	Sqm.		36.0	22.40	675.00	708.08	477954.00
	Basic Rate	668.00			806.40		570996.00
	Area Weightage @ 6%	40.08					2010.00
	Total	708.08					
63	Electrification Charges						100000
64	Miscellaneous and Unforseen Charges						2148
							1750000.00

(Rupees Seventeen Lakh fifty thousand Only)

CERTIFICATE

- 1 Certified that I have personally inspected the area and prepared the estimate.
- 2 Certified that the work proposed in this estimate is not including in any other scheme.
- 3 Certified that the estimate is prepared as per 2011-12 SR of PWD.
- 4 This works is not split up.

Junior Engineer

[Signature]
w/h

Executive Engineer

Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Kodigehalli Sub Division

ADMINISTRATIVELY SANCTIONED FOR Rs. 17,50,000.00/-

Rupees Seventeen Lakh fifty thousand only
Under P. 1771 P.O.W. 11-12

Registered as JE (Y) No. 12-12
Subject to conditions contained in
enclosed memo JE (Y) No. 189 12-12
Dt. 14/05/12 Estimate A/Sanctioned
JC/4el/AA/12-13 No. 189
dated 14/05/12 Rs. 17,50,000.00/-

[Signature]
Joint Commissioner
(Byatarayanapura)

Technical Sanction for Rs. 1750000.00
Seventeen lakh fifty thousand only
under P-1771 P-O.W. 11-12
registered as EE No. 84/15-5-12 Subject
to conditions contained enclosed memo.
No. 84/12-13 Dr. 15-5-12
AE/JE *[Signature]* EE (BTP. Div.) *[Signature]*